HuMAb Binding to Hematopoetic cell lines
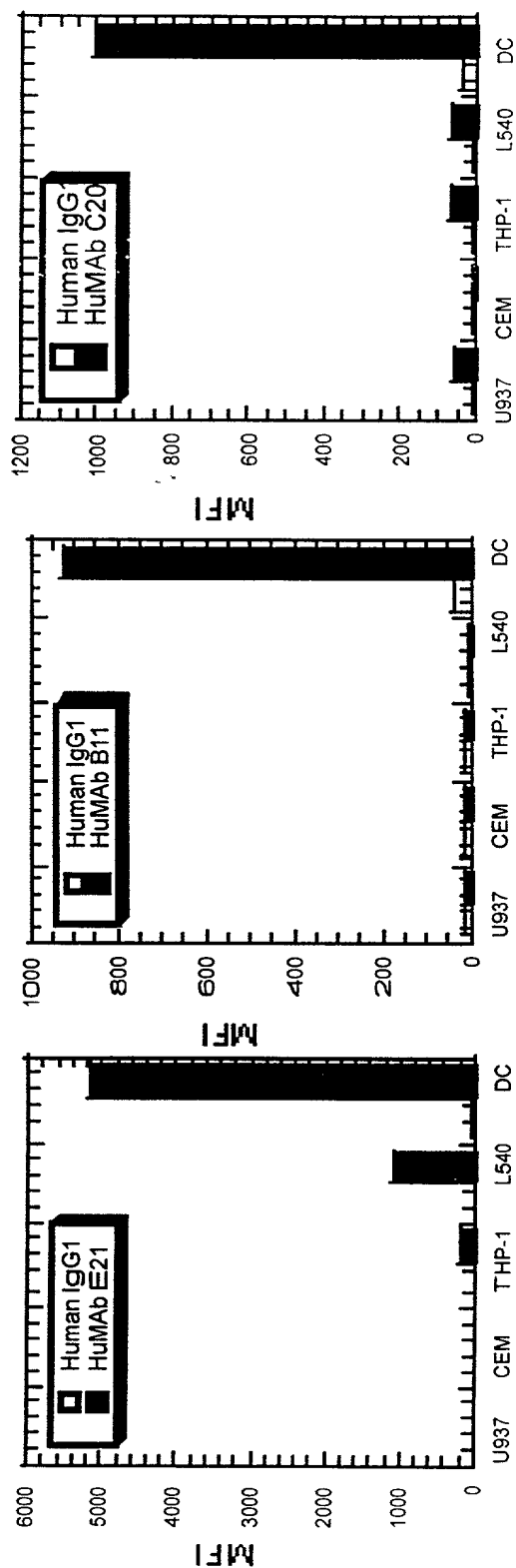

FIGURE 1

HuMAb Binding to dendritic cells
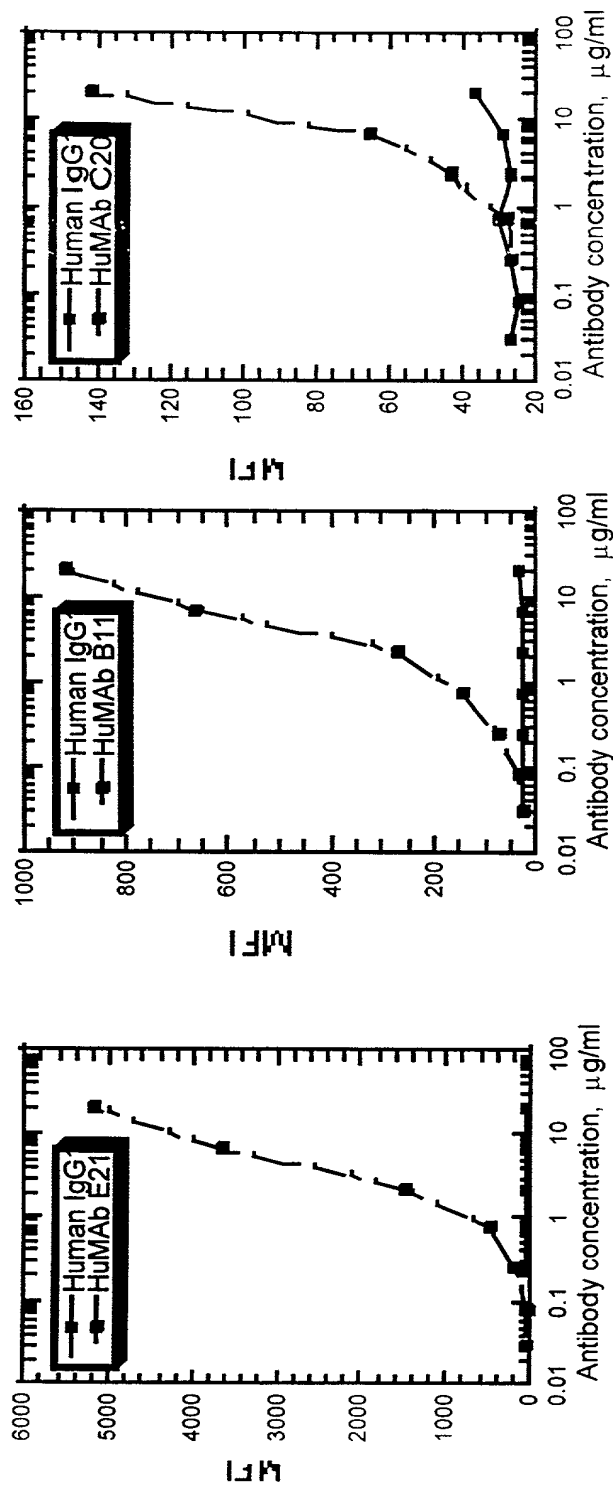
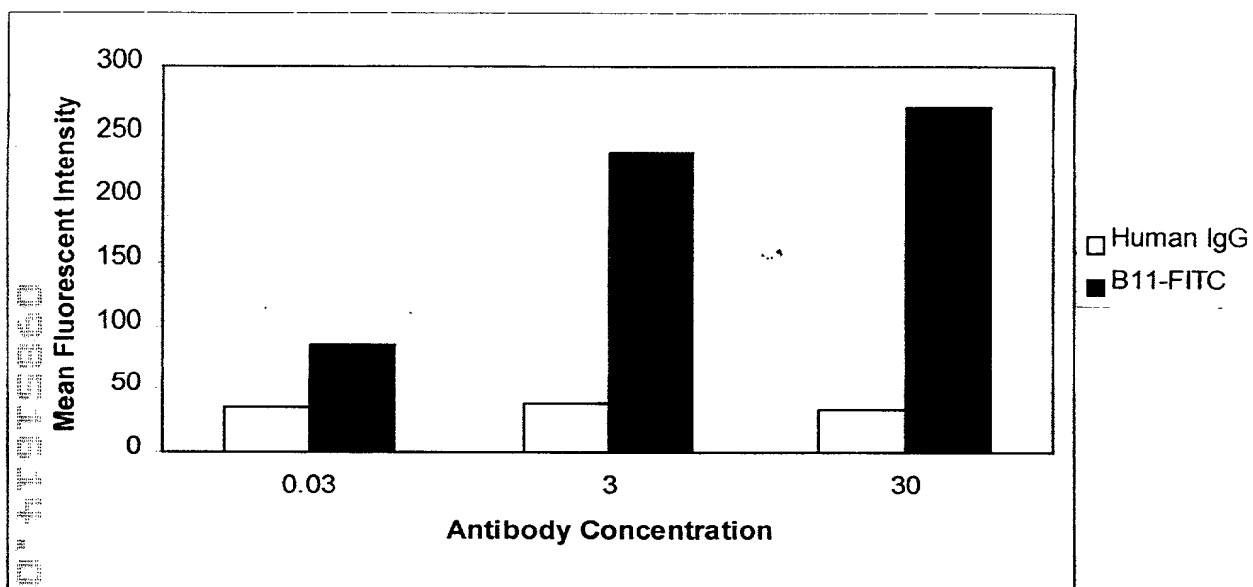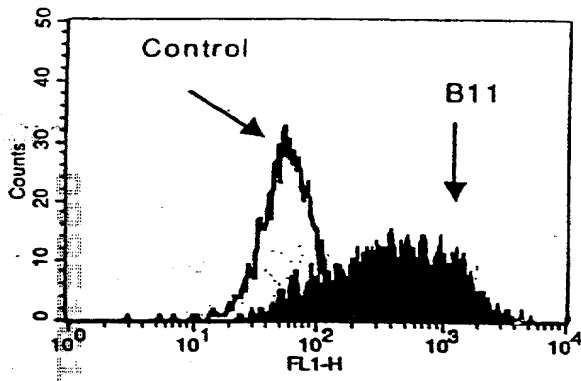

FIGURE 2

FIGURE 3

Macrophages   Dendritic Cells

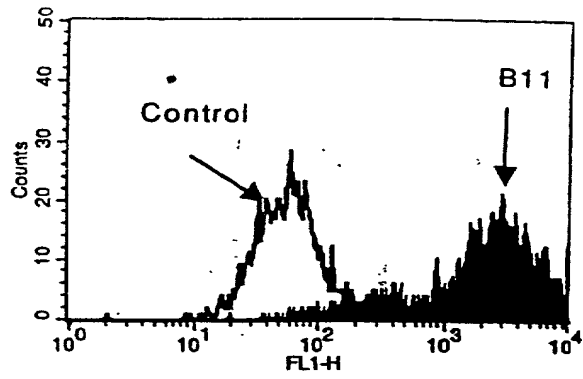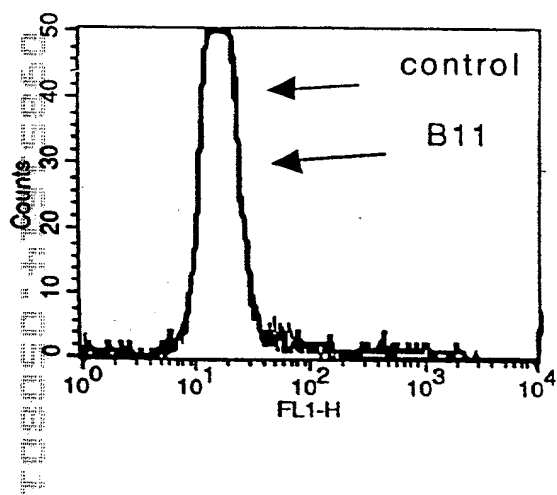**FIGURE 4**

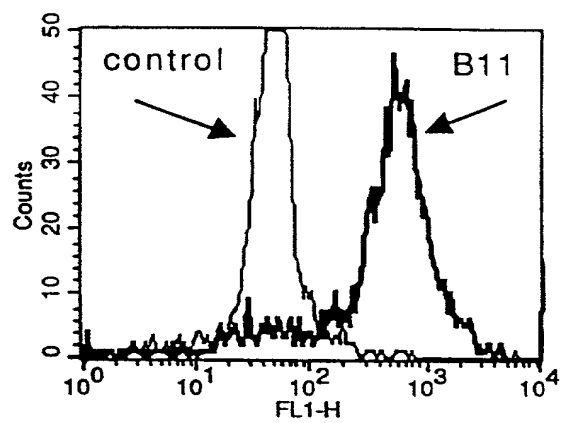THP-1 Cells

THP-1 Cells Cultured
with GM-CSF and IL-4

FIGURE 5

FIGURE 6

B11 internalization by dendritic cells
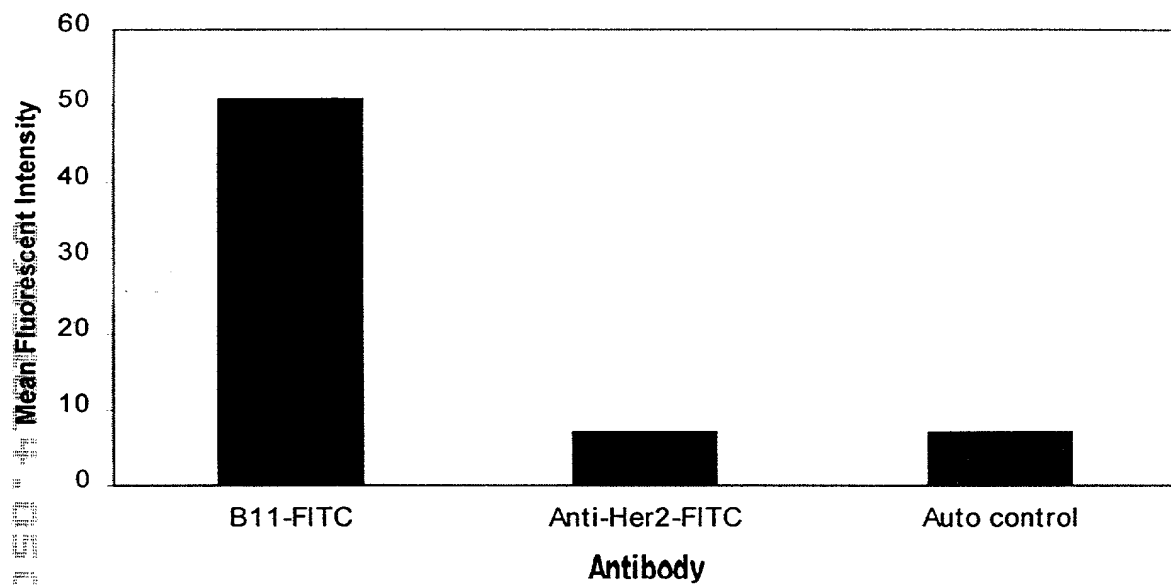
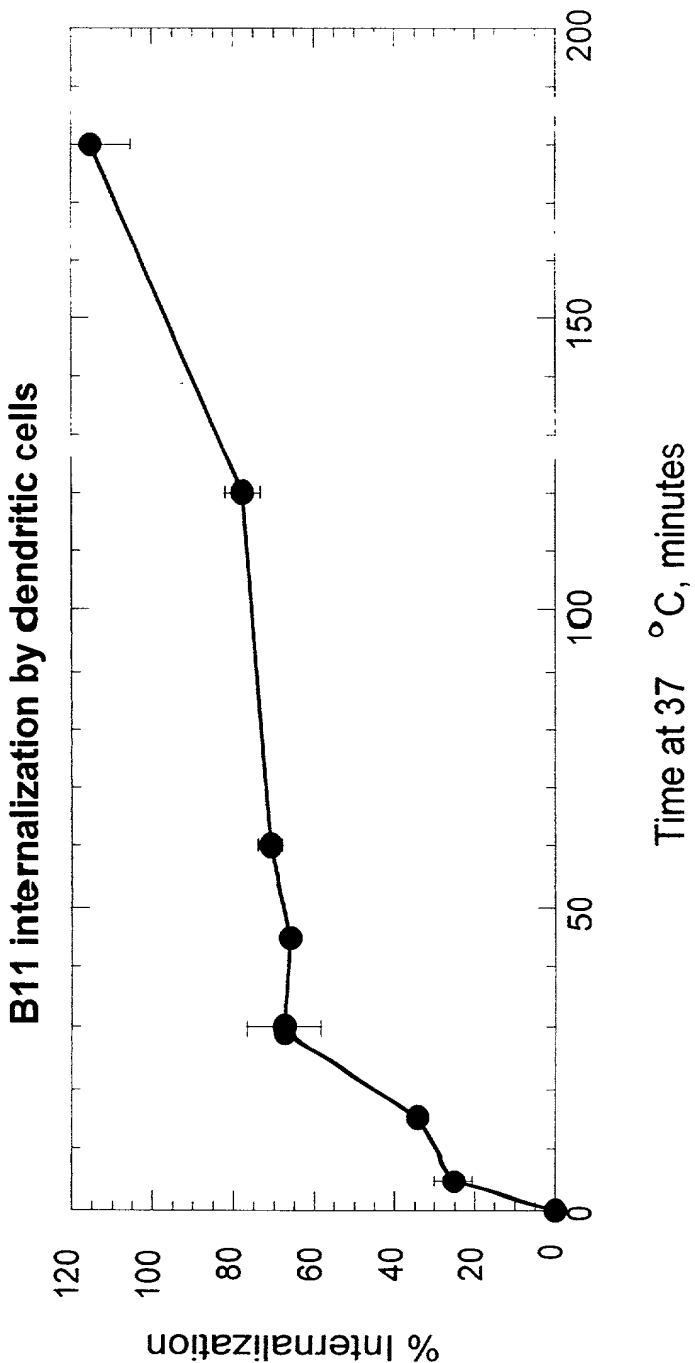% Internalization

Time at 37 °C, minutes

FIGURE 7

Stimulation of TT-specific T cells by B11-TT and TT

FIGURE 8

B11-ScFv construct map:

FIGURE 9

Mean Fluorescence Intensity vs Antibody Concentration, µg/ml
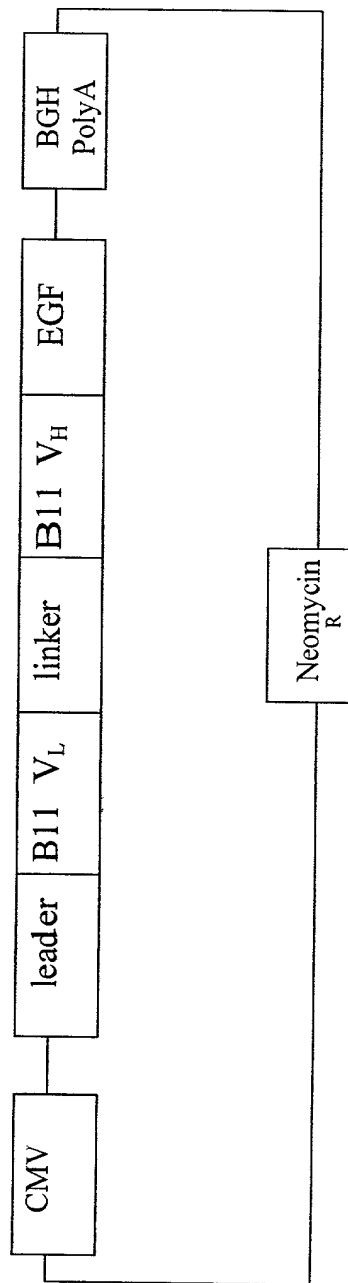
B11-whole MAb
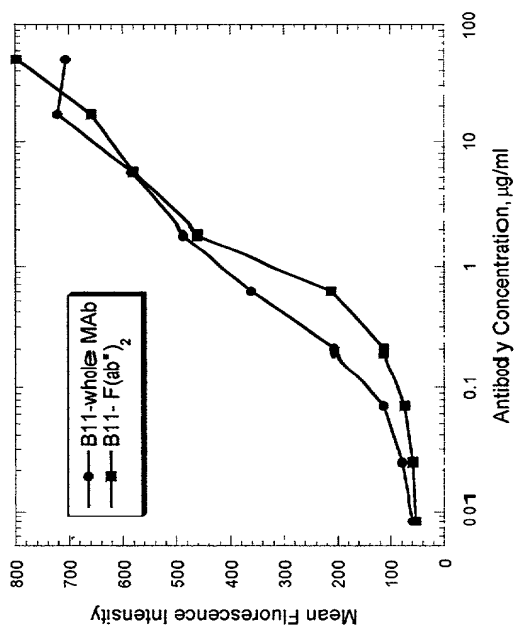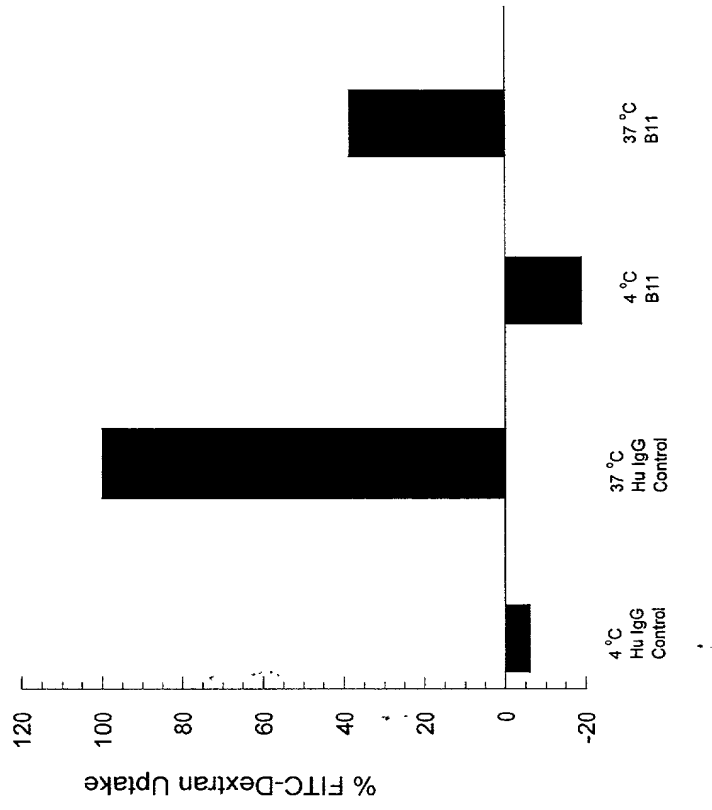B11- F(ab')$_2$

FIGURE 10

FIGURE 11

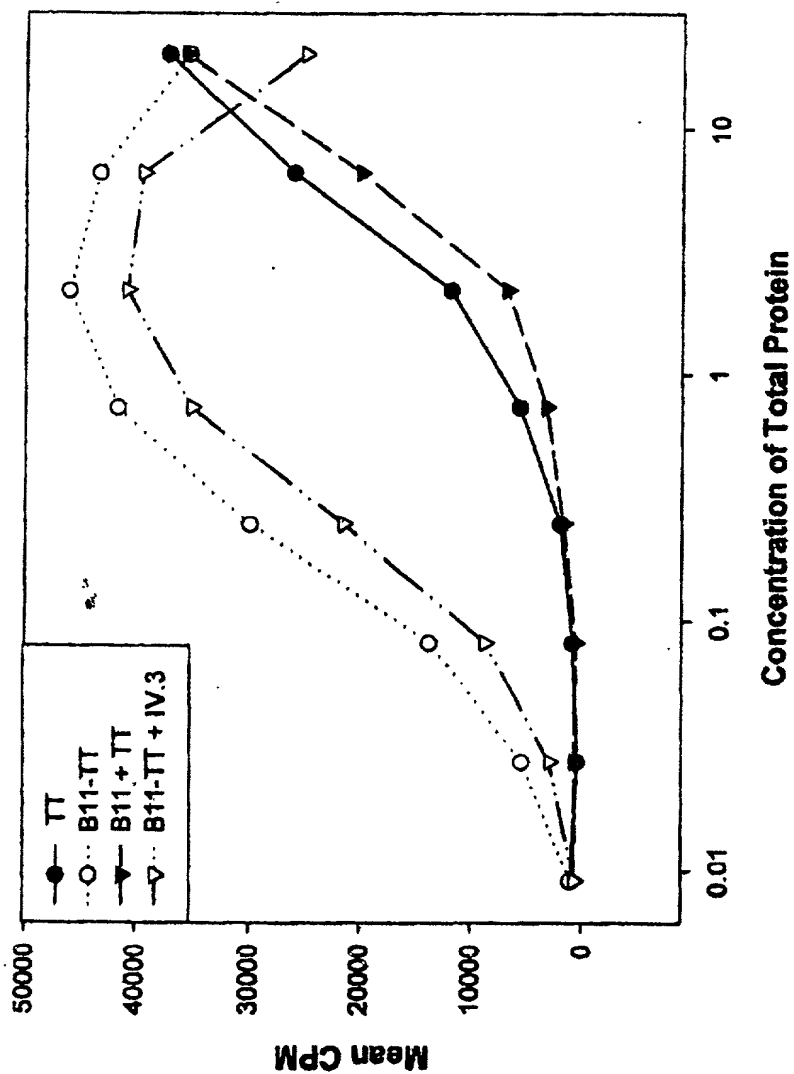Enhanced antigen processing and presentation with B11-targeting

FIGURE 12

B11 HuMAb sequence data:

B11 VL DNA:
GACATCCAGATGACCCAGTCTCCATCCTCACTGTCTGCATCTGTAGGAGACA
GAGTCACCATCACTTGTCGGGCGAGTCA
GGGTATTAGCAGGTGGTTAGCCTGGTATCAGCAGAAACCAGAGAAAGCCCCT
AAGTCCCTGATCTATGCTGCATCCAGTT
TGCAAAGTGGGGTCCCATCAAGGTTCAGCGGCAGTGGATCTGGGACAGATTT
CACTCTCACCATCAGCGGCCTGCAGCCT
GAAGATTTTGCAACTTATTACTGCCAACAGTATAATAGTTACCCTCGGACGTT
CGGCCAAGGGACCAAGGTGGAAATCAA
A

B11 VL protein:
DIQMTQSPSSLSASVGDRVTITCRASQGISRWLAWYQQKPEKAPKSLIYAASSLQ
SGVPSRFSGSGSGTDFTLTISGLQP
EDFATYYCQQYNSYPRTFGQGTKVEIK

B11 VH DNA:
GAGGTGCAGCTGGTGCAGTCTGGAGCAGAGGTGAAAAAGCCCGGGGAGTCT
CTGAGGATCTCCTGTAAGGGTTCTGGAGA
CAGTTTTACCACCTACTGGATCGGCTGGGTGCGCCAGATGCCCGGGAAAGGC
CTGGAGTGGATGGGGATCATCTATCCTG
GTGACTCTGATACCATATACAGCCCGTCCTTCCAAGGCCAGGTCACCATCTCA
GCCGACAAGTCCATCAGCACCGCCTAC
CTGCAGTGGAGCAGCCTGAAGGCCTCGGACACCGCCATGTATTACTGTACGA
GAGGGGACCGGGGCGTTGACTACTGGGG
CCAGGGAACCCTGGTCACCGTCTCCTCA

B11 VH protein:
EVQLVQSGAEVKKPGESLRISCKGSGDSFTTYWIGWVRQMPGKGLEWMGIIYPG
DSDTIYSPSFQGQVTISADKSISTAY
LQWSSLKASDTAMYYCTRGDRGVDYWGQGTLVTVSS

FIGURE 13